

Amendments to the Specification:

Please amend the specification as follows:

Please insert the following before the paragraph starting at page 1, line 5:

BACKGROUND

Please replace the paragraph starting at page 1, line 5, with the following:

The invention relates to a heat exchanger, in particular a charge air cooler or exhaust gas cooler for motor vehicles, ~~according to the preamble of Patent Claim 1, disclosed by DE-A 199 07 163 by the applicant.~~

Please insert the following before the paragraph starting at page 2, line 15:

SUMMARY

Please replace the paragraph starting at page 2, line 15, with the following:

~~The means of achieving this object are obtained from the features of patent claim 1.~~
According to the invention, the flow ducts are formed both for the gas, in particular the exhaust gas of an internal combustion engine or the charge air for the internal combustion engine, and for the coolant by means of a metal strip which is formed in a meandering shape, corrugated shape or trapezoidal shape, and by the housing. The housing and metal strip form a soldered block with flow ducts which are separated from one another. An advantage here is the simple design since special plates do not need to be manufactured, stacked and soldered to one another for each flow duct, whether for the gas or for the coolant. It is also advantageous that the cross section of the flow ducts can be configured in a variable way, for example in a rectangular shape, trapezoidal shape, corrugated shape or the like. The gas ducts and coolant ducts lie directly one next to the other so that an efficient exchange of heat between the two media can take place. The number of individual parts for the heat exchanger according to the invention is considerably reduced.

Please insert the following before the paragraph starting at page 4, line 12:

BRIEF DESCRIPTION OF THE DRAWINGS

Please replace the paragraph starting at page 4, line 12, with the following:

An exemplary embodiment of the invention is illustrated in the drawings ~~drawing~~ and will be described in more detail below. In said ~~drawing~~ drawings:

fig. 1 shows a heat exchanger as an exhaust gas cooler,

fig. 2 shows the heat exchanger in an exploded view,

fig. 2a shows a folded metal strip with flow ducts,
fig. 3 shows the heat exchanger without a housing,
fig. 4 shows an exhaust gas cooler with a modified housing shape, and
fig. 4a shows the exhaust gas cooler without a diffuser.

Please insert the following before the paragraph starting at page 4, line 29:

DETAILED DESCRIPTION

Please replace the paragraph starting at page 6, line 12, with the following:

Fig. 2a shows the metal strip 7 as an individual part which is folded into a meandering shape. The respective angled folding or edge bending of the metal strip forms rectangular flow cross sections for the flow ducts 8, 9 which each have the same length l . However, the width is different: the exhaust gas ducts 8 have a width b_1 which is greater than the width b_2 of the coolant ducts 9.